

REMARKS

This Amendment is submitted in answer to the Office Action dated June 26, 2007, and pursuant to a telephonic conference between Examiner and Applicant's representative on September 18, 2007. Applicant thanks the Examiner for the courtesy extended during the telephonic conference. Based on Examiner's suggestion during the conference, Applicant has submitted herein amendments to the independent claims incorporating Examiner's suggestions therein. The proposed amendments to the claims do not contain any new matter.

AMENDMENT TO THE SPECIFICATION

Applicant has proposed amendments to paragraph [0001] of the present specification to supply the serial numbers of the cross-referenced co-pending patent applications. The proposed amendments to the specification do not contain any new matter.

CLAIM OBJECTION

On page 2 of the present Office Action, Claim 16 is objected to under 37 CFR 1.75(c) for depending on dependent Claim 17. Applicant has amended Claim 16 to overcome the objection. Applicant respectfully requests entry of the amendment and removal of the objection.

CLAIM REJECTIONS UNDER 35 U.S.C. § 102

On page 3 of the present Office Action, Claims 1, 6, 7 10, 15, 16, 19, 24, and 25 are rejected under 35 U.S.C. § 102(e) as anticipated by U.S. Patent No. 6,523,141 to *Cantrill* (*Cantrill*). Pursuant to Applicant's telephone interview with Examiner on September 18, 2007, Applicant has amended claims 1, 10, and 19 to more clearly recite that the current stack walkback assists in the detection of critical memory leak during execution of the software program. Support for this amendment can be found in Applicant's Specification:

“At step 604, Analysis Tool 202 allocates global data structures within the system memory for use by the processing threads 206, 218, 222. These global data structures include statistics report 208, the analysis tool data structure 210, a weak reference list 209, and stack walkbacks 212, which stores the stack walkbacks generated by Analysis Tool 202 periodically during run-time.”
(¶0049, lines 14-21; emphasis added)

In view of the foregoing, the amended claims are distinguishable over *Cantrill* under 102(e) and are now believed to be in condition for allowance.

CLAIM REJECTIONS UNDER 35 U.S.C. § 103

On page 6 of the present Office Action, Claims 2-5, 8, 11-14, 17, 20-23 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Cantrill* as applied to claim 1, and further in view of U.S. Publication No. 2005/0076184 to *Schumacher* (*Schumacher*) and U.S. Patent No. 7,089,460 to *Fu* (*Fu*). Also, on page 12 of the present Office Action, Claims 9, 18 and 27 are rejected under 35 U.S.C. 103(a) as being unpatentable over *Cantrill* as applied to claim 1 and further in view of U.S. Publication No. 2004/0078540 to *Cirne et al.* (*Cirne*).

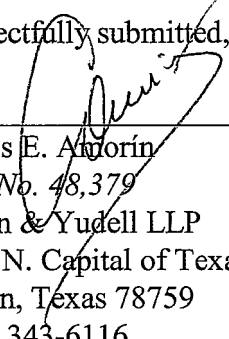
In view of the foregoing amendments to independent claims 1, 10, and 19, Applicant believes that claims 2-5, 8, 11-14, 17, 20-23 and 26 are allowable by virtue of their dependence upon an allowable base claim.

CONCLUSION

Applicants have made every effort to present claims which distinguish over the prior art, and it is believed that all claims are in condition for allowance. Nevertheless, Applicant invites the Examiner to call the undersigned if Examiner believes that a telephonic interview would expedite the prosecution of the application to an allowance. In view of the foregoing remarks, Applicant respectfully requests reconsideration and allowance of the pending claims.

No extension of time for this response is believed to be necessary. However, in the event an extension of time is required, that extension of time is hereby requested. Please charge any fee associated with an extension of time as well as any other fee necessary to further the prosecution of this application to IBM CORPORATION DEPOSIT ACCOUNT NO. 09-0447.

Respectfully submitted,



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